

4-25-5
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APR 22 2005

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7590 01/24/2005

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04/26/2005 HUONG2 00000087 09048932

01 FC:1501 1400.00 OP
02 FC:8001 15.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/048,932	03/26/1998	DEAN A. KLEIN	MEI-97-01386	4878

TITLE OF INVENTION: APPARATUS FOR ASSISTING VIDEO COMPRESSION IN A COMPUTER SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	04/25/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, TRANG U	2614	348-715000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input checked="" type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. <input type="checkbox"/> TraskBritt 2. <input type="checkbox"/> 3. <input type="checkbox"/>
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

MICRON TECHNOLOGY, INC.

Boise, Idaho

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 5

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-1469 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Kevin K. Johanson

Date April 22, 2005

Typed or printed name Kevin K. Johanson

Registration No. 38,506

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Dean A. Klein

Serial No.: 09/048,932

Filed: March 26, 1998

For: APPARATUS FOR ASSISTING
VIDEO COMPRESSION IN A COMPUTER
SYSTEM

Confirmation No.: 4878

Examiner: T. Tran

Group Art Unit: 2614

Attorney Docket No.: 2269-5687US
(MUEI-0059.00/US)

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EL994823175US

Date of Deposit with USPS: April 22, 2005

Person making Deposit: Steve Wong

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The Examiner indicates:

[The present invention is directed to an apparatus for assisting in compressing video data in a computer system including a central processing unit and a system memory. Each independent claim identifies the uniquely distinct features: “a result buffer coupled to the operation unit, the result buffer further including a memory interface configured to couple with the system memory via a first bus independent of a second bus configured for coupling with the central processing unit via a north bridge chip, the result buffer for temporarily buffering the difference frame prior to storing the difference frame in the system memory, the apparatus configured to operate within the north bridge chip of the computer”]

system to enable the central processing unit to retrieve the difference frame exclusive of the second bus and directly from the system memory via the north bridge chip for further compression of the video data by the central processing unit. All the references of record, either singularly or in combination, fail to anticipate or render the above underlined limitations obvious.]

Applicants concur with the reasons as stated by the Examiner insofar as they comprise a summary, and are exemplary and not limiting. However, the independent claims as allowed include other and different language than that specified by the Examiner, and the allowed dependent claims include other and further features and elements. Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as equivalents thereof.

Respectfully submitted,



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Date: April 22, 2005
KKJ/dlm:rmh

Document in ProLaw